



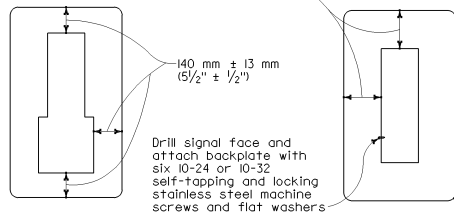
TUNNEL

FULL CIRCLE

CAP OR CUT AWAY

LEFT ANGLE
(Right angle is reversed of figure)**VISORS**

200 mm \pm 13 mm ($8'' \pm \frac{1}{2}''$) for 200 mm ($8''$) sections
 140 mm \pm 13 mm ($5\frac{1}{2}'' \pm \frac{1}{2}''$) for 300 mm ($12''$) sections

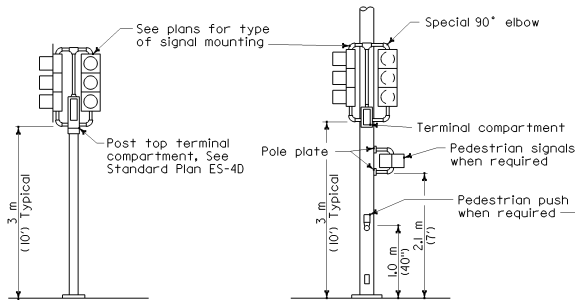


FOR COMBINATION 200 mm ($8''$)
 AND 300 mm ($12''$) SECTIONS

200 mm ($8''$) AND
 300 mm ($12''$) SECTIONS

BACKPLATE

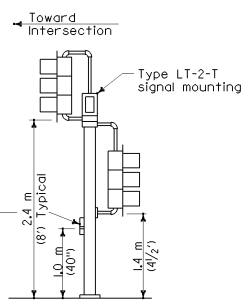
1.5 mm ($\frac{1}{16}''$) minimum thickness
 3001-H aluminum, or plastic
 when specified

**TOP MOUNTED
SIGNALS (TV)**

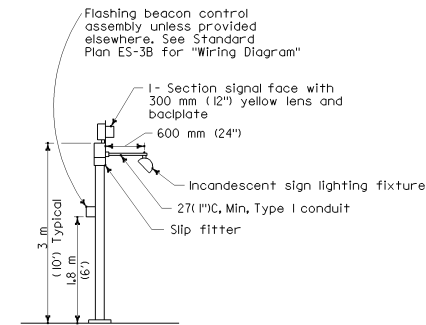
Type I-A, I-B, I-C and I-D standard
 as indicated on the plans

**SIDE MOUNTED
SIGNALS (SV AND SP)**

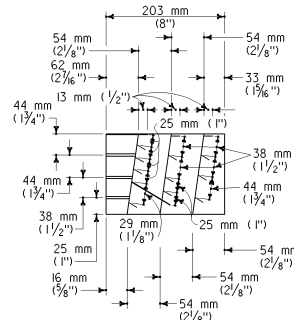
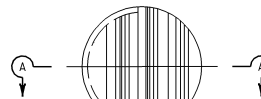
Normally used on standards
 with luminaire and/or signal
 mast arm

**LEFT TURN
LANE SIGNAL**

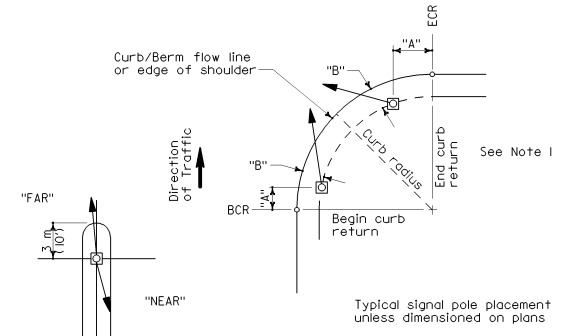
Type I-A, I-B, I-C and I-D standard
 as indicated on plans

**ADVANCE FLASHING
BEACON INSTALLATION**

Type I-A, I-B, I-C and I-D standard
 as indicated on plans

**SECTION A-A****FRONT VIEW
DIRECTIONAL LOUVER**

Directional louvers shall be oriented as directed
 by the Engineer and secured in place with one
 plated brass machine screw and nut.

**SIGNAL STANDARD PLACEMENT DIMENSIONS
AND EQUIPMENT LOCATIONS****NOTE:**

1. For "A" and "B" dimensions, see Pole Schedule,
 or as directed by the Engineer.

ABBREVIATIONS

LT = Left turn signals

TYPICAL SIGNAL INSTALLATIONS

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**SIGNAL, LIGHTING AND
 ELECTRICAL SYSTEMS
 SIGNAL HEADS AND MOUNTINGS**

These "Standard Plans for Construction of Local Streets and Roads" contain units in two systems of measurement: International System of Units (SI or "metric") and United States Standard Measures shown in the parentheses (). The measurements expressed in the two systems are not necessarily equal or interchangeable. See the "Foreword" at the beginning of this publication.

NO SCALE

ES-4C

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
Theresa Gabriel REGISTERED PROFESSIONAL ENGINEER No. E15129 State of California			July 1, 2002 PLANS APPROVAL DATE		
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